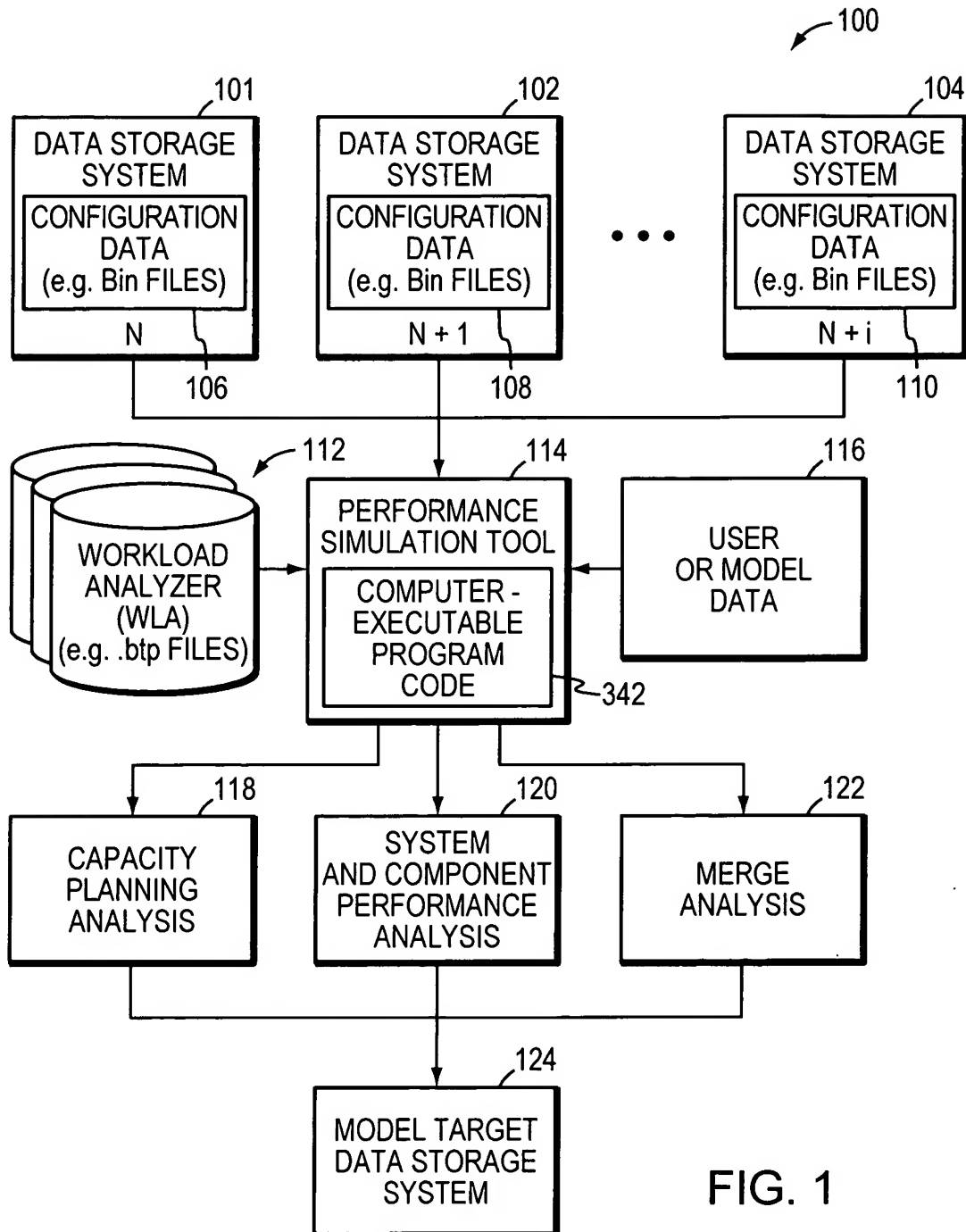


1/20



2/20

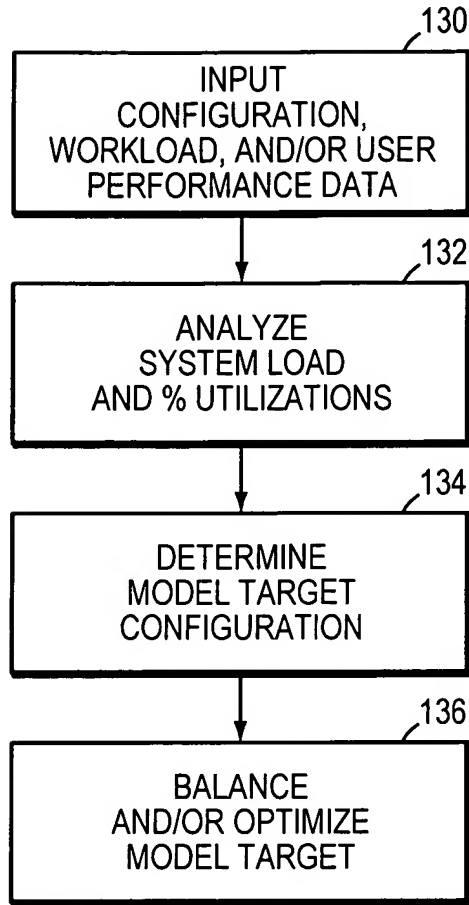


FIG. 2

3/20

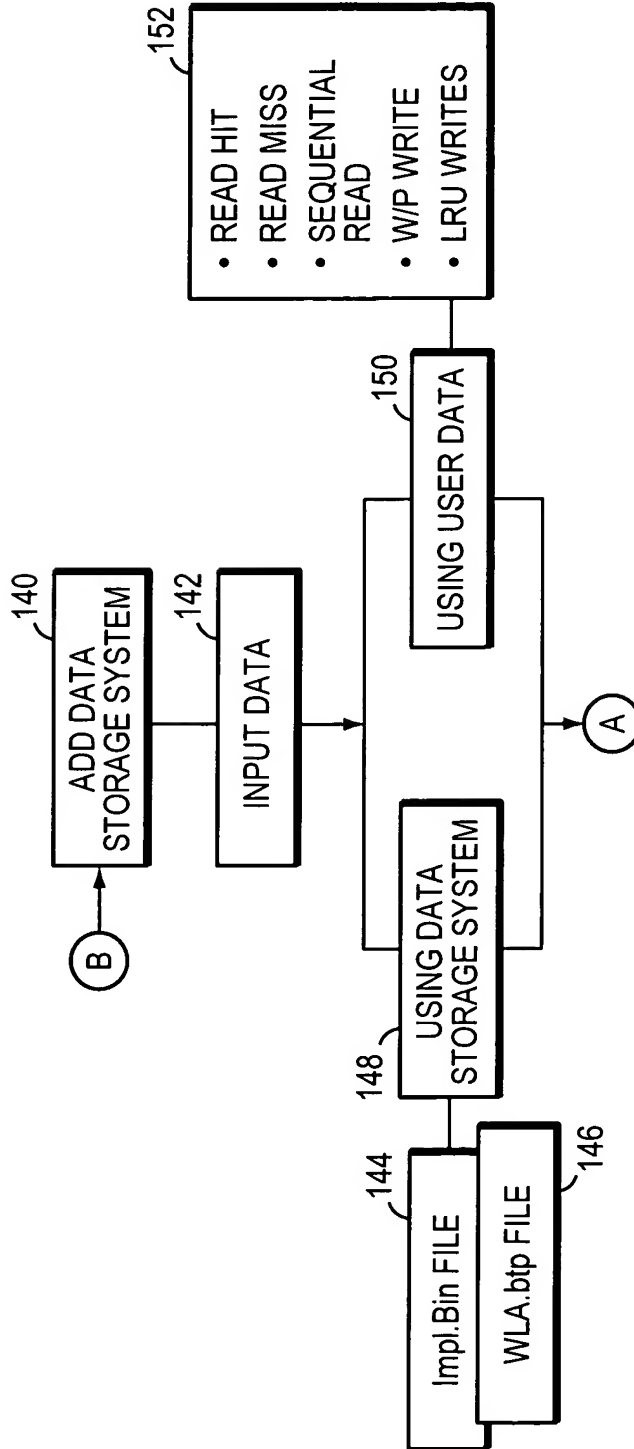


FIG. 3

4/20

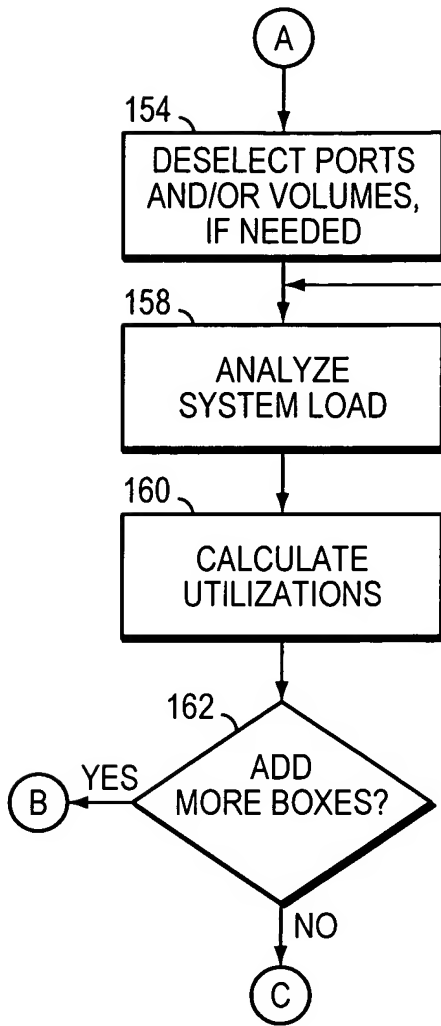


FIG. 4

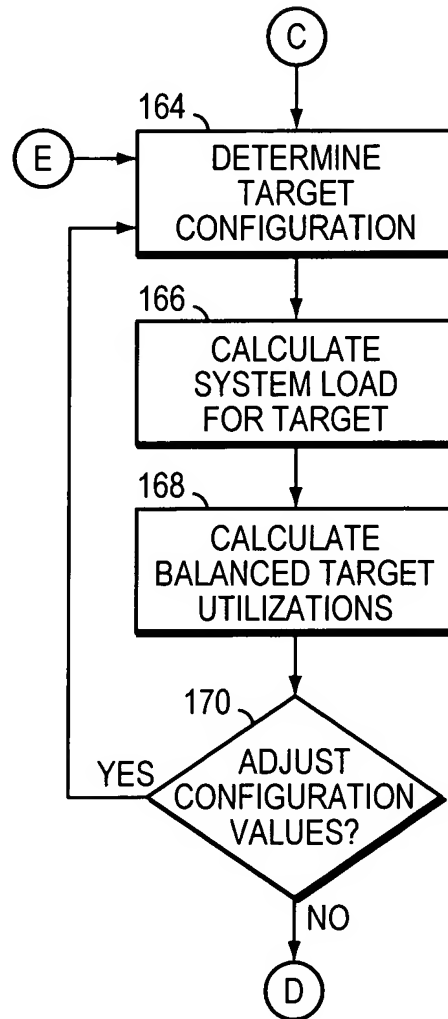


FIG. 5

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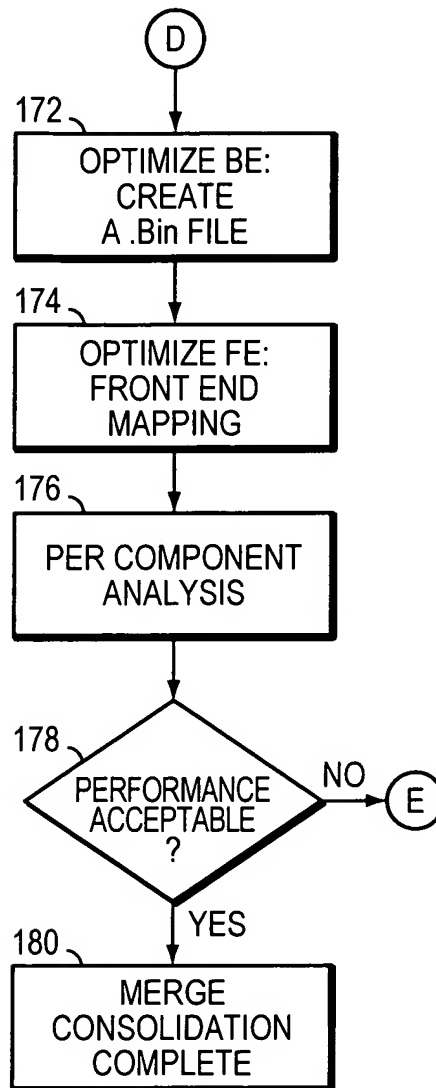


FIG. 6

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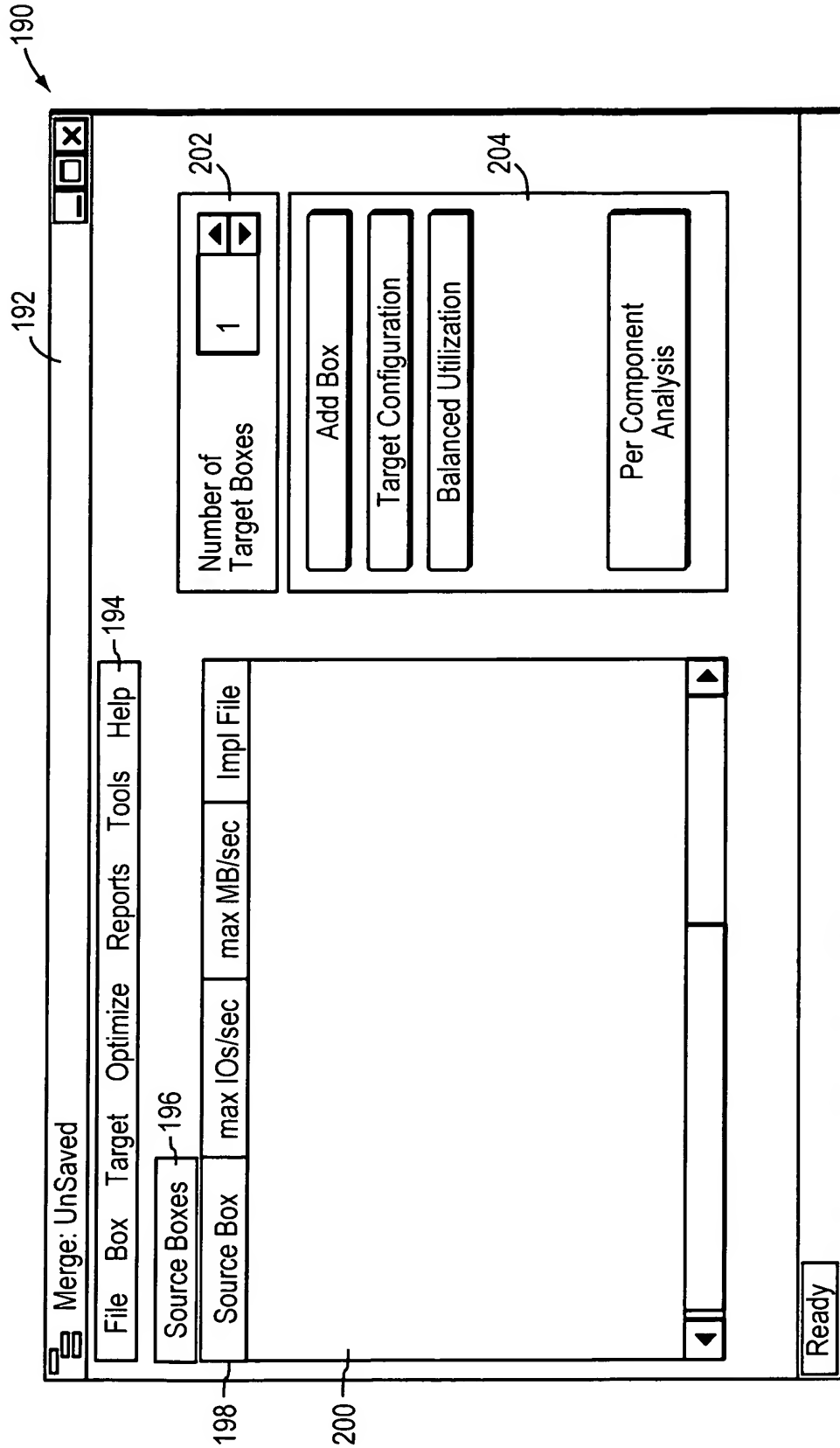


FIG. 7

7/20

206

208

BOX_1

210 Options

212 Balanced Per Component 216

Channels

<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	03AA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	03BB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	04AB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	04BA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	13AA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	13BA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	14AB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	14BB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	03AB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	03BA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	04AA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	04BB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	13AB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	13BB
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	14AA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FA	14BA

213

218

Symm Data User Data

☒ ☐

example_35791.BIN

Load Impl.bin

Load WLA.btp file

Calculate System Load

Analyze/Load

Enter User Data

Configuration

Utilization

Growth Factor 10%

214 Ready Next Load WLA BTP File

FIG. 8

8/20

220

222

Configuration

224

Complete

Active

Box version

6330.....

FE boards

4

FE port type

FIBRE

FE CPUs

8

FE ports

16

memory boards

2

memory areas in board

4

busses

4

Box type

☒ 5x
 ☐ 4.8

BE boards

4

BE port type

SCS12

BE CPUs

8

BE ports

16

LRU locks

4

disk type

Cheel73

disk size

73

disks

144

LV

576

OK

Cancel

FIG. 9

9/20

220

Configuration

Complete

Active

Box version

6830 Coyote

FE boards

4

FE port type

FIBRE

FE CPUs

6

FE ports

16

memory boards

2

memory areas in board

1

busses

2

BE boards

4

BE port type

SCS1

BE CPUs

8

BE ports

16

LRU locks

1

disk type

Cheel73

disk size

73

disks

144

LV

514

Box type

☐ 5x ☒ 4.8

OK

Cancel

FIG. 10

10/20

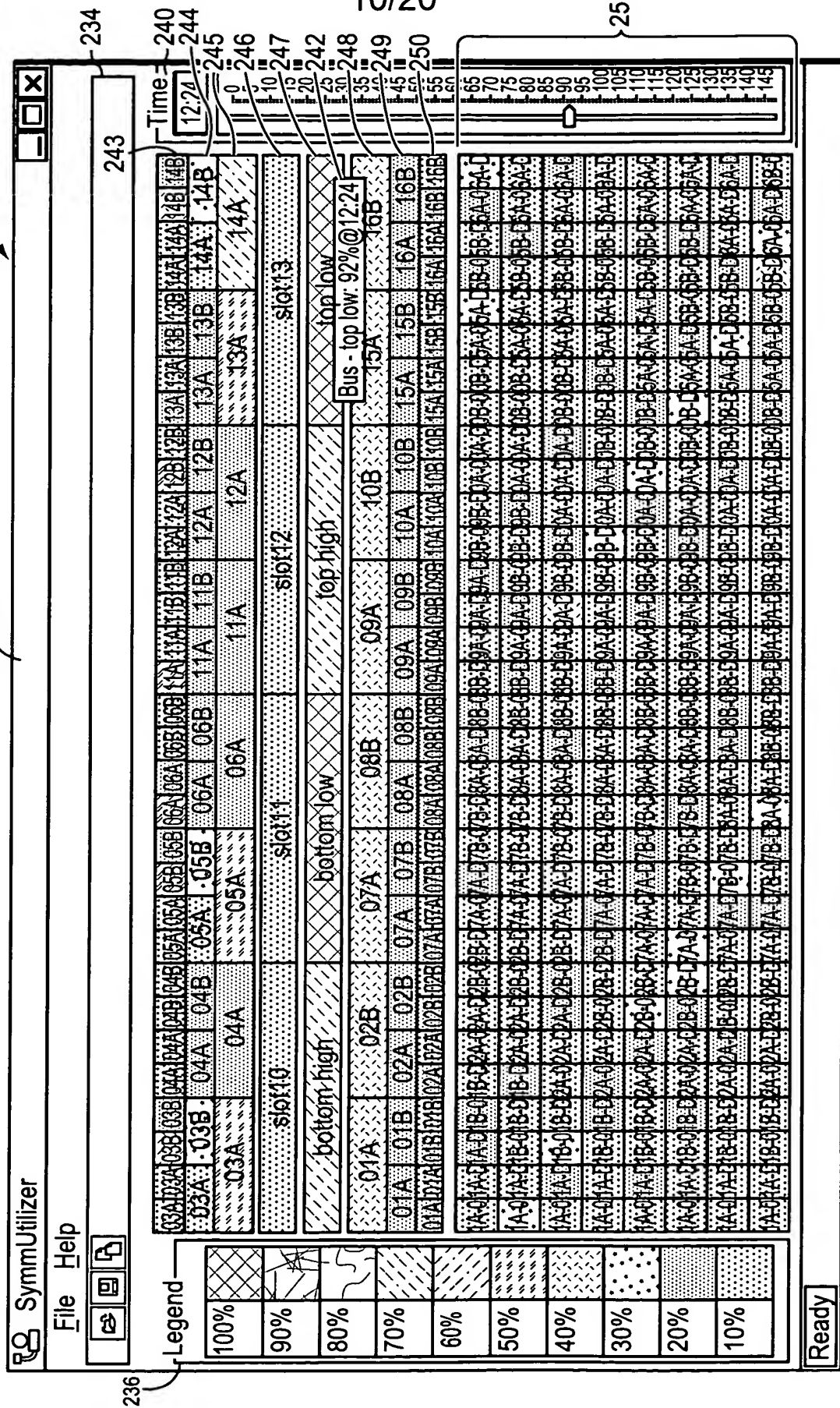


FIG. 11
BEST AVAILABLE COPY

11/20

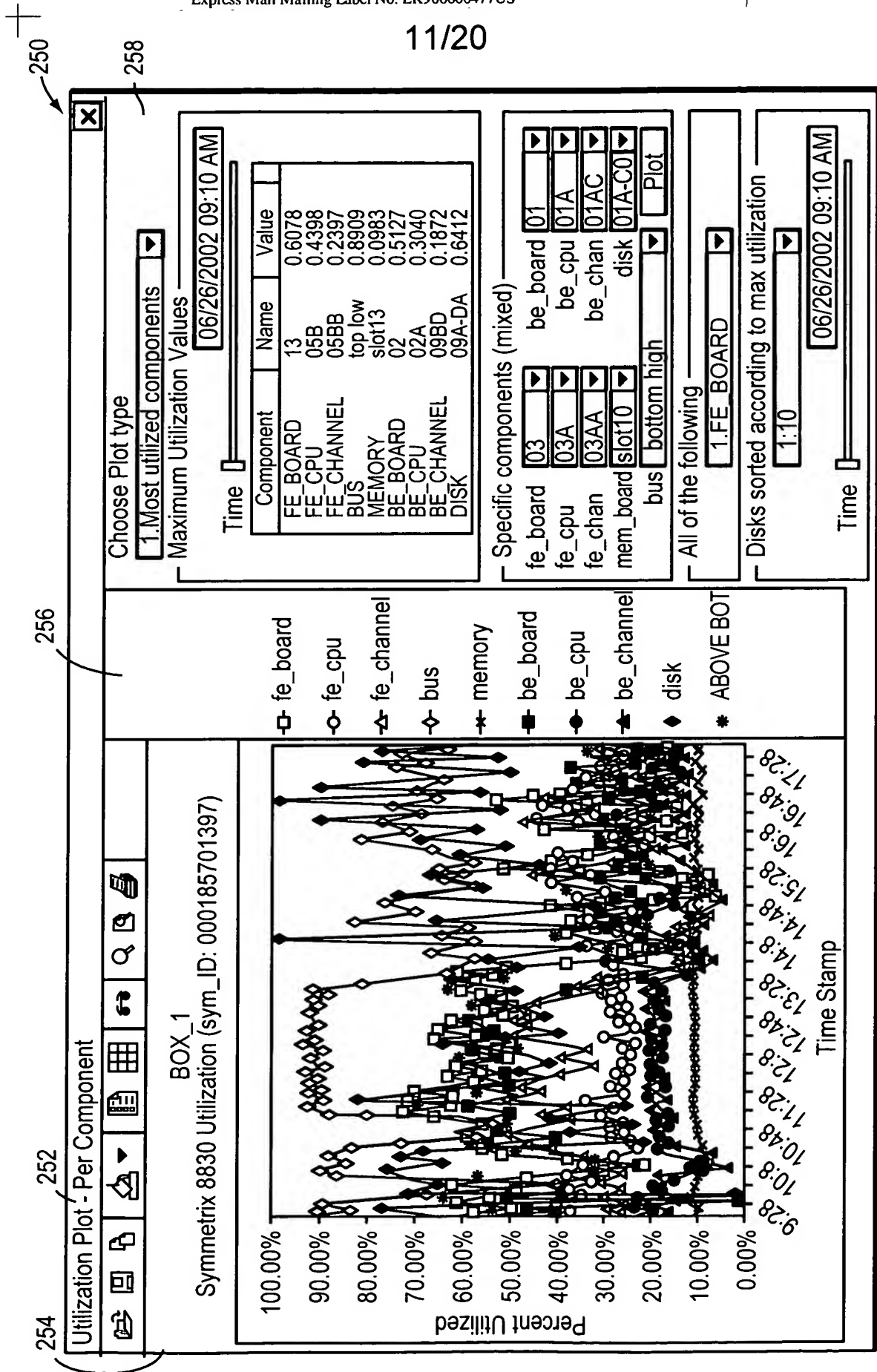


FIG. 12

BEST AVAILABLE COPY

12/20

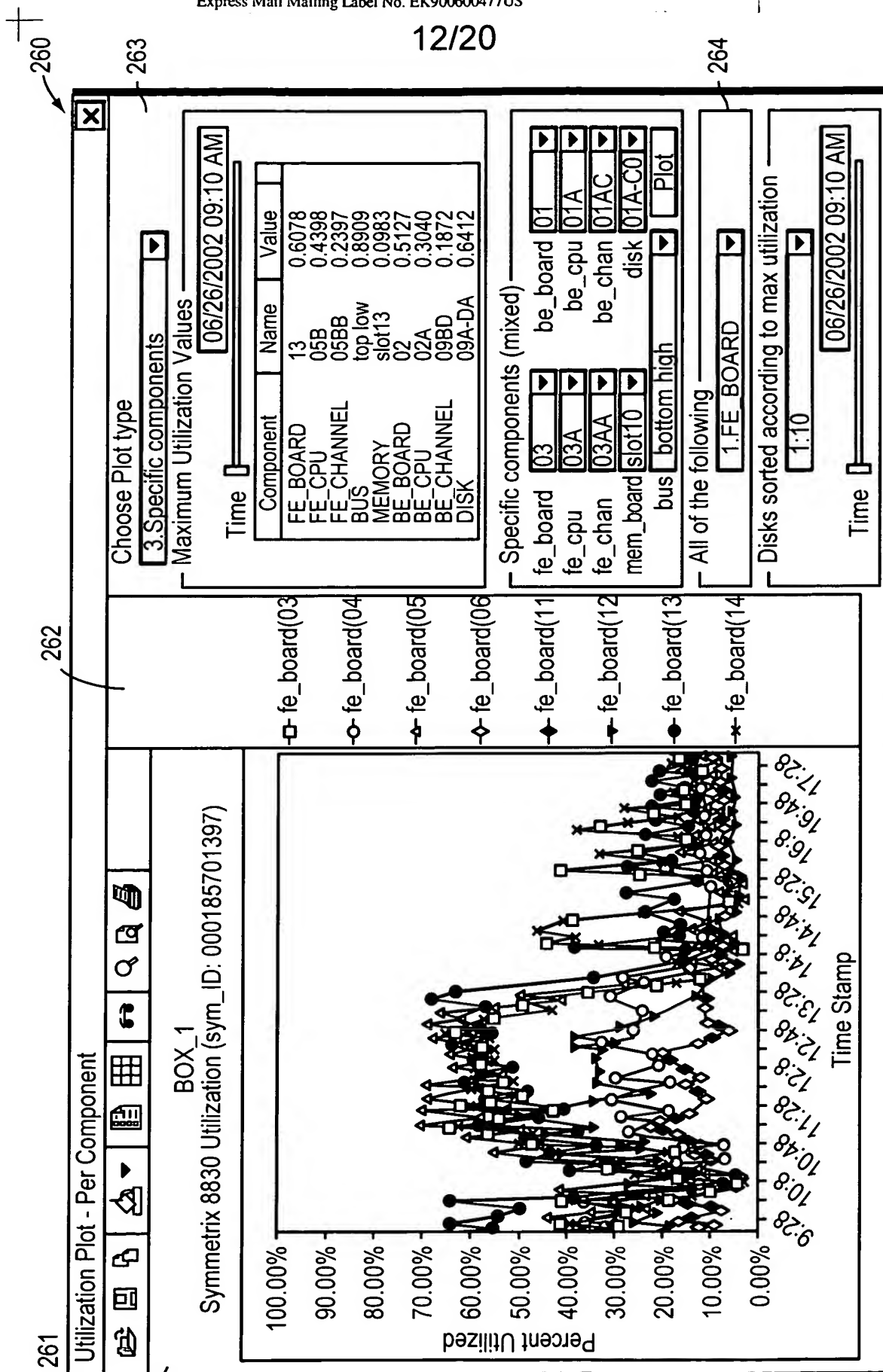


FIG. 13

BEST AVAILABLE COPY

13/20

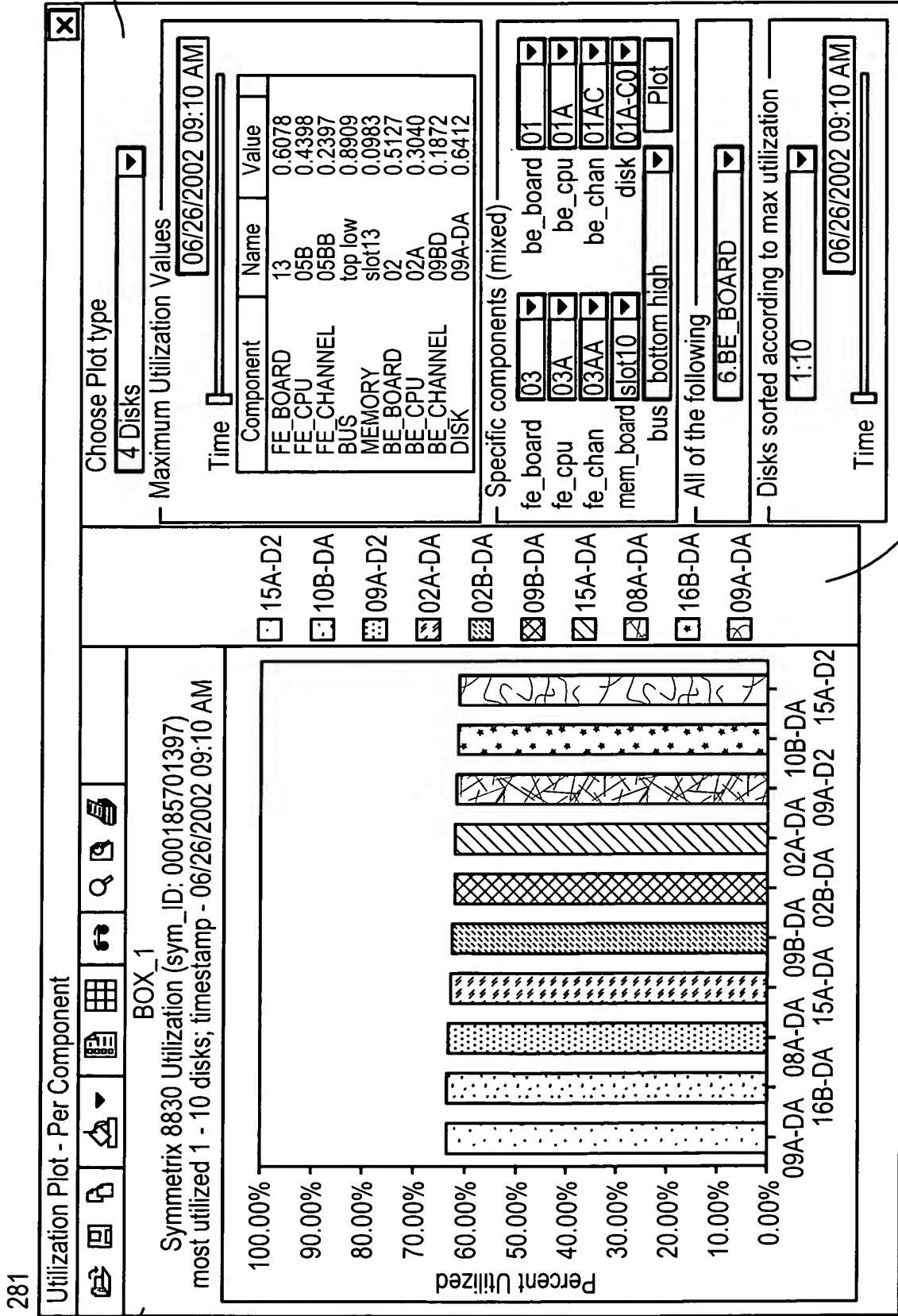


FIG. 14

BEST AVAILABLE COPY

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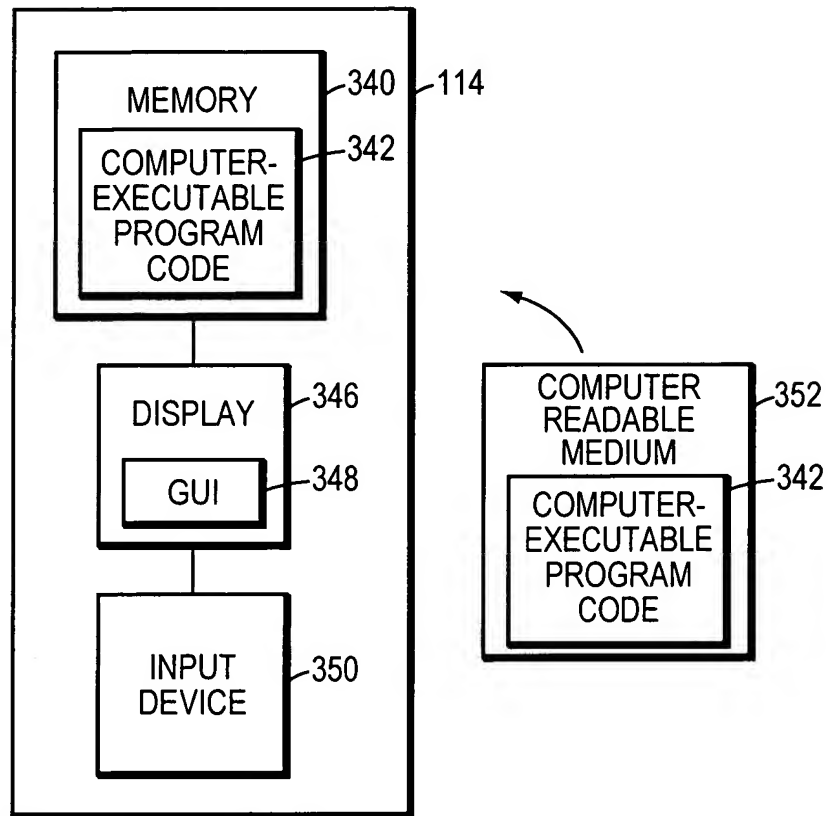


FIG. 15

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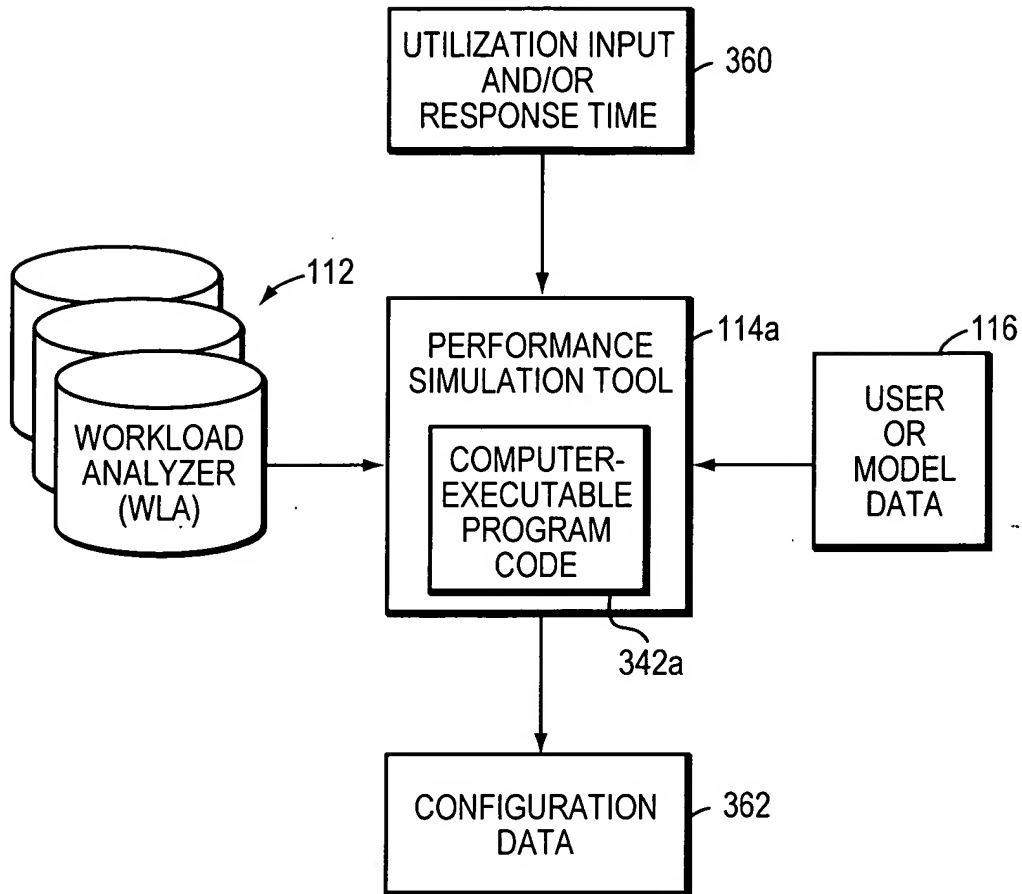


FIG. 16

16/20

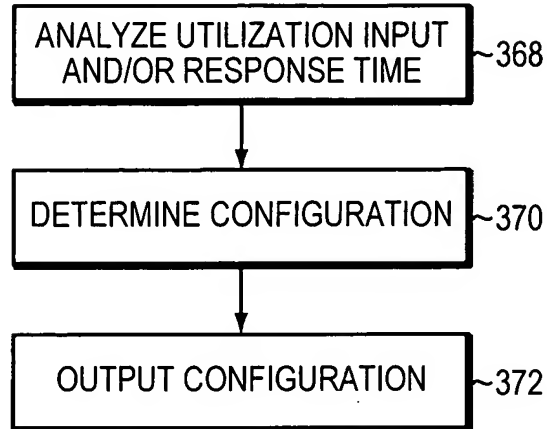


FIG. 17

17/20

380

384

382

User Data

Application Workload

Total I/O Rate 5000.00

○ % of I/O Rate 20 45 10 0 25

⊙ I/O Rate 1000.00 2250.00 500.00 0.00 1250.00

MBytes/Sec 7.81 17.58 31.25 0.00 37.11

I/O Size (kB) 8.00 8.00 64.00 0.00 30.40

Read Hit Read Miss Sequential WP Write LRU Write

(re-write)

RA-2 RDF LOAD

0 0.00 0.00 0.00 0.00

WP Write LRU Write

(re-write)

0.00 0.00 0.00 0.00

Total MB/sec: 93.75

Load level

heavy load

light load

OK

394

392

BCV disks: 0

390

Application Type: OLTP2 (similar to Oracle)

388

Recommend Cabinet

396

FIG. 18

398

Recommendation

Cabinet Recommendation

Usable Capacity (TB): 16

Minimum # of Hosts (Ports): 16

400

402

Recommend

404

Cancel

FIG. 19

18/20

406

406

Workload and Utilization

Capacity (TB) 16 IO per Second 5000

Response Time (ms) 10 No. FA Ports 16

☐ Change Max Utilization %

Select Workloads

Workload	% Workload	IO Size (KB)
OLTP2 ▼	100	
▼		
▼		
▼		
▼		

410

412 Save Input Parameters

414 Retrieve Stored Parameters

Calculate

Exit

☐ User Defined Configuration 420

416

418

FIG. 20

19/20

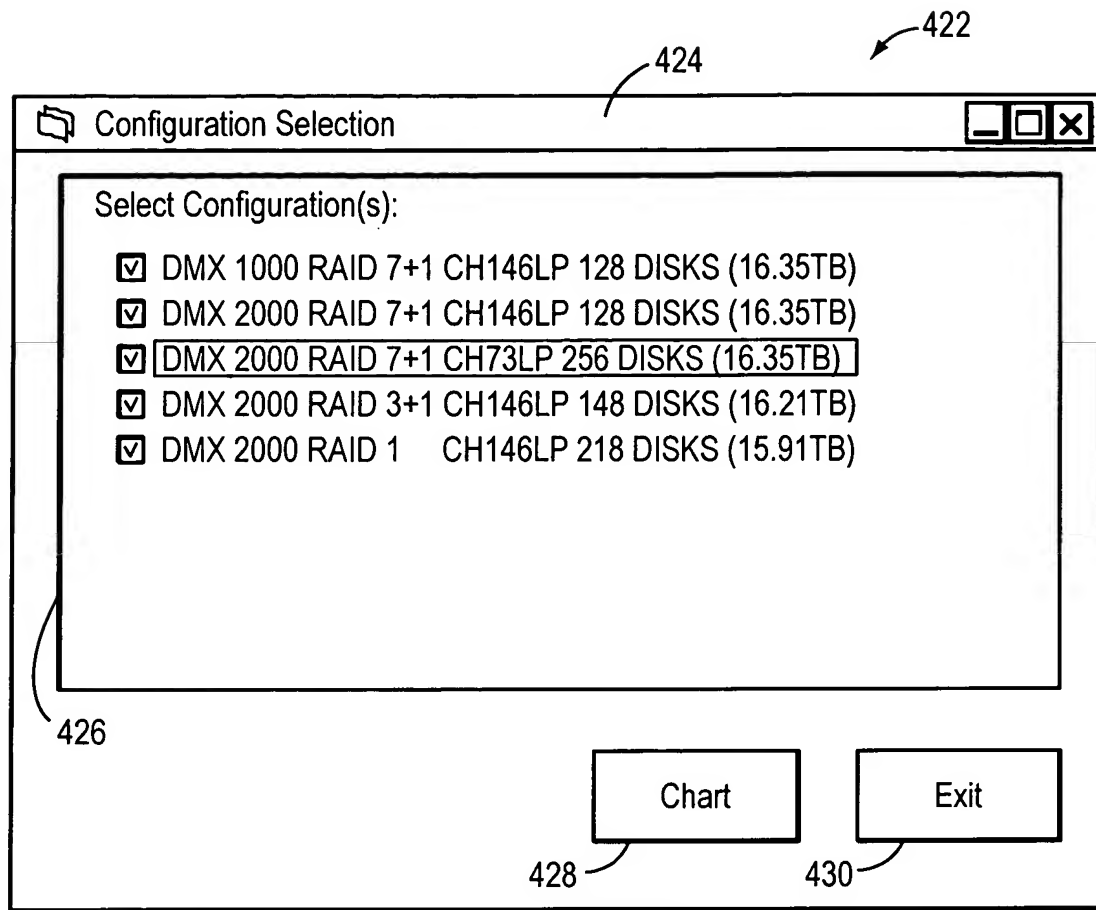


FIG. 21

20/20

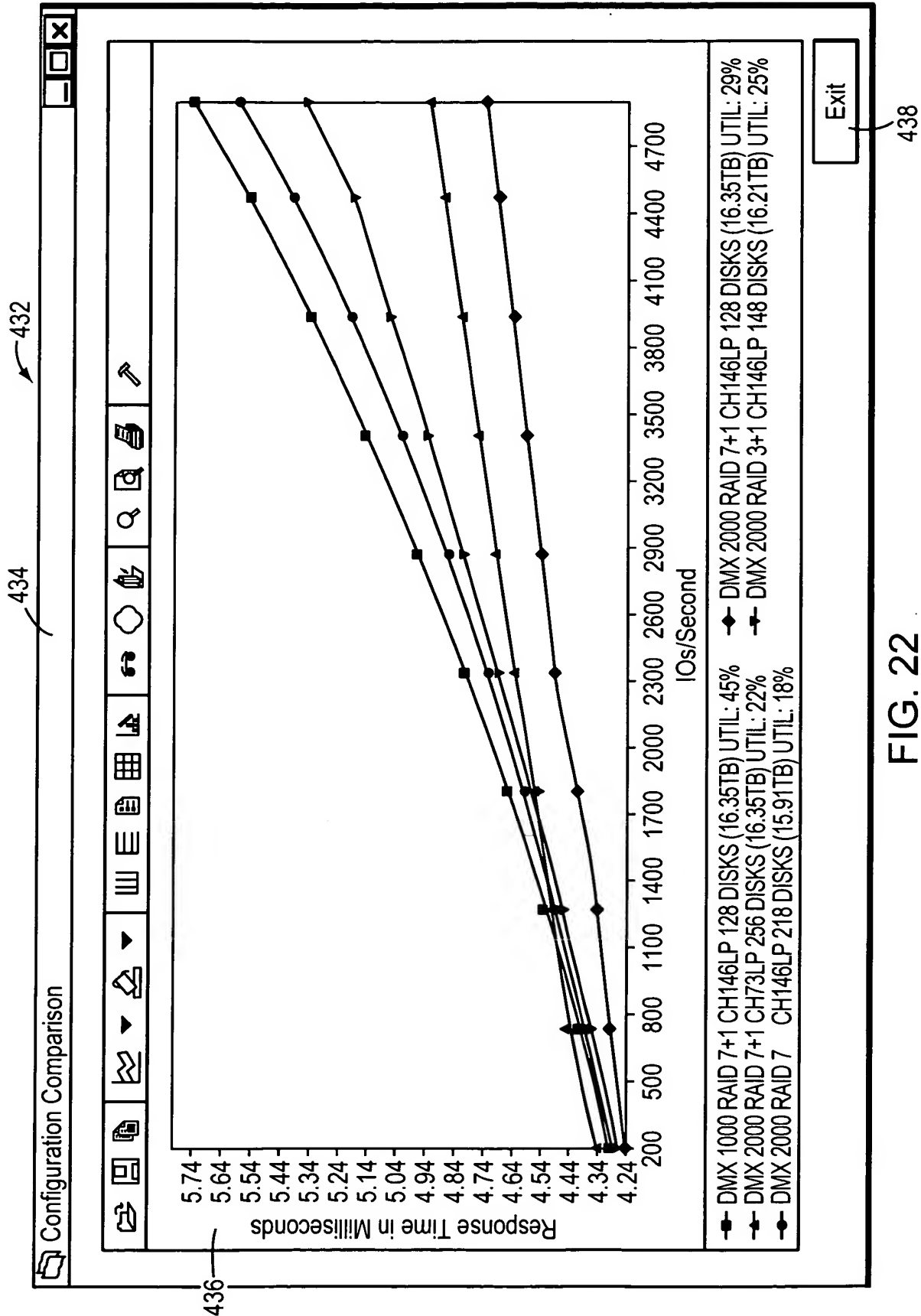


FIG. 22